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* * * * * Welcome to STN International * * * * *

NEWS	1		Web Page for STN Seminar Schedule - N. America
NEWS	2	JAN 02	STN pricing information for 2008 now available
NEWS	3	JAN 16	CAS patent coverage enhanced to include exemplified prophetic substances
NEWS	4	JAN 28	USPATFULL, USPAT2, and USPATOLD enhanced with new custom IPC display formats
NEWS	5	JAN 28	MARPAT searching enhanced
NEWS	6	JAN 28	USGENE now provides USPTO sequence data within 3 days of publication
NEWS	7	JAN 28	TOXCENTER enhanced with reloaded MEDLINE segment
NEWS	8	JAN 28	MEDLINE and LMEDLINE reloaded with enhancements
NEWS	9	FEB 08	STN Express, Version 8.3, now available
NEWS	10	FEB 20	PCI now available as a replacement to DPCI
NEWS	11	FEB 25	IFIREF reloaded with enhancements
NEWS	12	FEB 25	IMSPRODUCT reloaded with enhancements
NEWS	13	FEB 29	WPINDEX/WPIDS/WPIX enhanced with ECLA and current U.S. National Patent Classification
NEWS	14	MAR 31	IFICDB, IFIPAT, and IFIUDB enhanced with new custom IPC display formats
NEWS	15	MAR 31	CAS REGISTRY enhanced with additional experimental spectra
NEWS	16	MAR 31	CA/CAPLUS and CASREACT patent number format for U.S. applications updated
NEWS	17	MAR 31	LPCI now available as a replacement to LDPCI
NEWS	18	MAR 31	EMBASE, EMBAL, and LEMBASE reloaded with enhancements
NEWS	19	APR 04	STN AnaVist, Version 1, to be discontinued
NEWS EXPRESS FEBRUARY 08 CURRENT WINDOWS VERSION IS V8.3, AND CURRENT DISCOVER FILE IS DATED 20 FEBRUARY 2008			
NEWS HOURS	STN Operating Hours Plus Help Desk Availability		
NEWS LOGIN	Welcome Banner and News Items		
NEWS IPC8	For general information regarding STN implementation of IPC 8		

Enter NEWS followed by the item number or name to see news on that specific topic.

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***** STN Columbus *****

FILE 'HOME' ENTERED AT 19:41:24 ON 13 APR 2008

=> ILE CAPLUS

ILE IS NOT A RECOGNIZED COMMAND

The previous command name entered was not recognized by the system.

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"HELP COMMANDS" at an arrow prompt (=>).

=> FILE CAPLUS

COST IN U.S. DOLLARS

SINCE FILE

TOTAL

ENTRY

SESSION

FULL ESTIMATED COST

0.21

0.21

FILE 'CAPLUS' ENTERED AT 19:41:36 ON 13 APR 2008

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FILE COVERS 1907 - 13 Apr 2008 VOL 148 ISS 16

FILE LAST UPDATED: 11 Apr 2008 (20080411/ED)

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=> S CYHALOTHRIN

1726 CYHALOTHRIN

2 CYHALOTHRINS

L1 1726 CYHALOTHRIN

(CYHALOTHRIN OR CYHALOTHRINS)

=> S L1 AND CHLORINATION

81328 CHLORINATION

447 CHLORINATIONS

81401 CHLORINATION

(CHLORINATION OR CHLORINATIONS)

L2 5 L1 AND CHLORINATION

=> D IBIB ABS HITSTR TOT

12 ANSWER 4 OF 5 CAPLUS COPYRIGHT 2008 ACS ON STN (Continued)
 2. Thus, (12)-trans-tafluthrin (IV) was prepd. from (1)-ene (2)-3-(2-chloro-2,3,5-trifluoro-1-propenyl)-2,2-dimethylpyrrolidopropenecarboxylic acid, via intermediate reaction with (10)-(1)-m-methylbenzylamine to give the (10)-cis-isomer, chlorination with SOCl₂ in the presence of Et₃N, thermal isomerization to the (13)-trans-acid, chlorination with SOCl₂ and esterification with 2,3,5,6-tetrafluoro-1-methylbenzyl alc. The pesticidal and insecticidal activity of IV was detd. [C₅₀ = 1.8 & C₅₀ = 4.6 vs. *Bioletia* viruscoat].
 LC₅₀ = 14.285 (resaturation factor 35) vs. *Plutella xylostella*.
 REFERENCE COMPT: 14 THERR ARK 14 CITED REFERENCES AVAILABLE FOR THIS
 FORMAT

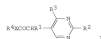
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12 ANSWER 4 OF 5 CAPLUS COPYRIGHT 2008 ACS ON STN
 ACCESSION NUMBER: 1889-553826 CAPLUS
 DOCUMENT NUMBER: 111153826
 ORIGINAL REFERENCE NO.: 111153826, 254624
 TITLE: Preparation of pyrimidine-containing carbocyclic acid esters having insecticidal and acaricidal activities
 INVENTOR(S): McDonald, Richard; Salmon, Roger; Whittle, Alan John; Hutchings, Peter
 PATENT ASSIGNOR(S): Imperial Chemical Industries PLC, GB
 SOURCE: Eur. Pat. App., 104 pp.
 CODING: EPCOM
 INVENTION TYPE: Patent
 LANGUAGE: English
 FAMILY ACC. NUM. COMPT: 3
 PARENT INFORMATION:

PARENT NO.	KIND	DATE	APPLICATION NO.	DATE
EP 235879	A2	19801222	EP 1980-301377	19800610
EP 235879	A3	19910731		
US 4803862	A	19890625	US 1980-3062	19800510
US 4813785	A	19891222	US 1980-17389	19800603
US 410184	B2	19910516		
GB 2209225	B	19890517	GB 1980-13780	19800610
GB 2209225	B	19910403		
US 47394	A2	19890528	US 1980-3062	19800615
US 26244	B	19910930		
FR 8802352	A	19890910	FR 1980-2952	19800616
FR 8802352	A	19891218	FR 1980-2368	19800617
US 1030412	A	19890118	US 1980-103936	19800617
US 1019574	B	19911223		
JP 03261789	A	19890130	JP 1980-148415	19800627
US 1801108	A3	19930707	US 1980-441064	19801222

PRIORITY APPL. INFO.: A 19870217

OTHER SOURCE(S): CASREACT 111:153826; MARPAT 111:153826
 01



AB The title compds. [I, R1 = C1-6 alkyl, C2-8 alkenyl, C2-6 alkenyl, C1-4 haloalkyl, C2-8 haloalkenyl, C3-6 cycloalkyl optionally substituted by 21 C1-4 alkyl or halo; R2 = C1-8 alkyl, C1-4 haloalkyl, C1-6 alkoxy, halo, C1-6 cycloalkyl optionally substituted by 21 C1-4 alkyl or halo, R3 optionally substituted by 21 C1-4 alkyl, C1-4 haloalkyl, or C1-4 alkoxy; R3 = H, halo; R4 = residue of an aloe. of formula H4-CH which forms an insecticidal ester when combined with

12 ANSWER 4 OF 5 CAPLUS COPYRIGHT 2008 ACS ON STN (Continued)
 chrysanthemic acid, permethrin, or cyhalothrin acid; R = 0, R1, useful as insecticides or acaricides, were prepd. To a stirred soln. of 0.1 (R5)-[2-(1,1-dimethylethyl)pyrimidin-5-yl]-3,3-dimethylbutanone at 0-5 deg. C, 0.089 (1,1,1,1-tetrafluoro-4-methoxyethylbenzyl alc., and 0.002 g 4-dimethylaminopyridine in CH₂Cl₂, 0.04 g DCC was added and the mixt. stirred 18 h to give 0.09 g 2,3,5,6-tetrafluoro-4-(methoxyethylbenzyl) 191-[2-(1,1,1,1-dimethylethyl)pyrimidin-5-yl]-3,3-dimethylbutanone (17).
 11 at 500 ppm gave 50-75% mortality against *Blattella germanica* and 80-100% mortality against 9 adol. pest species, e.g. *Tetranychus* utahensis.
 Sephotectin nixtopes, and Diabrotia balteata. An emulsifiable concn. concn. Syngenta OPI 3-0, malic acid diisobutylsuccinate 2-0, and Aromaxol H 34.0 wt. % was prepd.

12 ANSWER 5 OF 5 CAPLUS COPYRIGHT 2008 ACS ON STN
 ACCESSION NUMBER: 1889-551740 CAPLUS
 DOCUMENT NUMBER: 109165740
 ORIGINAL REFERENCE NO.: 109165740, 273944
 TITLE: Diacetone alcohol-comprising nonaqueous liquid entomoparasiticide pour-on formulation
 INVENTOR(S): Matzner, Edmund; Reimer, Theodor; Mayer, Peter
 PATENT ASSIGNOR(S): Ciba-Geigy A.G., CH, 22 pp.
 SOURCE: Eur. Pat. App., 22 pp.
 CODING: EPCOM
 INVENTION TYPE: Patent
 LANGUAGE: German
 FAMILY ACC. NUM. COMPT: 1
 PARENT INFORMATION:

PARENT NO.	KIND	DATE	APPLICATION NO.	DATE
EP 273862	A2	19880706	EP 1987-810705	19871130
EP 273862	A3	19880727		
EP 273862	B1	19910710		
US 450313	H, AT, BE, CH, DE, ES, FR, GB, GR, IT, LI, LU, NL, SE	19910715	US 1987-810705	19871130
US 2027940	T3	19890701	US 1987-810705	19871130
IL 84701	A	19910415	IL 1987-84701	19871203
US 8782112	A	19880609	US 1987-821112	19871204
US 620163	B2	19891108		
JP 03156718	A	19880629	JP 1987-307778	19871204
EA 8709114	A	19880831	EA 1987-9114	19871204
PRIORITY APPL. INFO.: A			EP 1986-4865	19861205
			EP 1987-810705	A 19871130

OTHER SOURCE(S): MARPAT 109:165740
 AB The title formulation comprises an active ingredient(s), diacetone alc., and auxiliary ingredients. A formulation comprising 24 pyrethrin and 98% diacetone alc., applied at 2 ml/20 kg, totally controlled *Dendroica ovis* on sheep. An aqueous solution of 2-nyano-3-pyranol-3-methylbenzylsuccinate (R) was treated with HCl, to give 2-chloro-4-amino-5-nyano-6-methylthiopyridine, which was suspended in acetone and treated with cyclophosphamide, under refluxing, to give 2-cyclophosphamide-4-amino-5-nyano-6-methylthiopyridine. This was treated with HCl in an autoclave, at 150°, for 15-20 min, to give 2-cyclophosphamide-4-diamino-6-methylthiopyridine.

=> LOGOFF

ALL L# QUERIES AND ANSWER SETS ARE DELETED AT LOGOFF

LOGOFF? (Y)/N/HOLD:Y

COST IN U.S. DOLLARS

SINCE FILE

TOTAL

ENTRY

SESSION

FULL ESTIMATED COST

20.71

20.92

DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)

SINCE FILE

TOTAL

ENTRY

SESSION

CA SUBSCRIBER PRICE

-4.00

-4.00

STN INTERNATIONAL LOGOFF AT 19:43:58 ON 13 APR 2008